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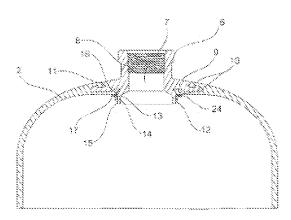
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(54) Take: THE HIGH GAS-TEORTEN METALLIC NOZZLE-BOSS FOR THE BIGH PRESSURE COMPOSITE VESSEL.



(57) Abstract: The present invention relates to a motel nozzle base provided with a scaling device, which has highly improved tightness and is combined with a plastic liner of a companie vessel used as a high-pressure vessel. The metal nozzle base uses an elastic sent ring and a tightening piece in the plastic liner, so that the nozzle base reliably scale the junction of the nozzle base and the liner and prevents gas leakage from the vessel. The blade part of the nozzle base has a doverall-shaped locking groove, with locking tidgue formed in the locking groove. Thus, when the plastic liner is produced by injecting molten resin into the locking groove, the plastic liner is securely combined with the metal nozzle base. The composite vessel having the metal nozzle base can be used as a final tank for natural gas vehicles or a hydrogen tank for fuel cell vehicles.

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